

IN THE SPECIFICATION:

Please amend the paragraph beginning at page 33, line 18, as follows:

☆ As shown in Fig. 2, a substrate was prepared employing three growth factors 2, 3, and 4 with different combinations and concentrations on the base 11. bFGF, IGF-I and BMP-2 were immobilized on the base 11 in a similar manner as in Example 1 and held on the stage 15. Then the same culture liquid as in Example 1 was added to immerse the stage 15, thereby re-dissolving all the growth factors on the stage 15.

Please amend the paragraph beginning at page 35, line 21, as follows:

As shown in Fig. 3, IGF-I was discharged by an ink jet printer on the base 11 and ~~the wall 14~~ an inclined wall surface 16. Reference numeral 5 denotes IGF-I. IGF-I was immobilized on the base 11 and held on the wall. After the fixation of IGF-I, the unreacted active dextran was blocked with a gelatin solution. Murine skeletal muscle cell strain C2C12 suspended in DMEM containing 2% FBS was added to the wells of the substrate, thereby allowing action of IGF-I on the base 11 to the ~~cells~~ cells, and cultured for 96 hours in total at 37°C and in wet air containing CO₂ by 5% with addition of the culture liquid at predetermined times after the start of the culture to dissolve IGF-I on the ~~wall 14~~ wall 14.

Please amend the paragraph beginning at page 37, line 13, as follows:

As shown in ~~Fig. 3~~ Fig. 4, IGF-I was immobilized on the base 11, and bFGF was held on ~~the wall 14~~ the inclined wall surface 16 by using an ink jet printer to form 16

combinations of concentrations of IGF-I and bFGF in 80 wells (four concentrations for each growth factor, and five wells for each combination). Reference numerals 5 and 6 denote IGF-I and bFGF, respectively. The murine skeletal muscle cell strain C2C12 suspended in DMEM containing FBS by 2% was added to the base 11. Fresh culture liquid was added at predetermined time lapses from the start of the culture to dissolve bFGF on the wall 14. Cells were cultured for 96 hours at 37°C and in humidified air containing CO₂ by 5%. Addition of fresh culture liquid was conducted as follows:

- (1) Immediately after the start of culture;
- (2) After 12 hours from the start of culture;
- (3) After 24 hours from the start of culture;
- (4) After 48 hours from the start of culture;
- (5) After 72 hours from the start of culture.